



Patent  
Case No.: 58620US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: BYLANDER, JAMES R.  
Application No.: Group Art Unit: Not Yet Known  
Filed: July 1, 2003 Examiner: Not Yet Known  
Title: APPARATUS AND METHOD FOR ADJUSTING THE SPECTRAL RESPONSE  
OF AN OPTICAL WAVEGUIDE GRATING

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

| Filing of Papers and Fees by Express Mailing  |                 |
|---|-----------------|
| Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 |                 |
| Date: <u>July 1, 2003</u>   | EV 328085931 US |
| Express Mail Label No.  |                 |

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. A copy of each cited reference is also enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

July 1, 2003  
Date

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Office of Intellectual Property Counsel  
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| <b>Substitute for form 1449A/PTO (modified)</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets if necessary)<br><br>Page 1 of 2 | <b>Application Number</b>   | <b>Not Yet Known</b>      |
|   | <b>Filing Date</b>          | <b>July 1, 2003</b>       |
|   | <b>First Named Inventor</b> | <b>Bylander, James R.</b> |
|   | <b>Art Unit</b>             | <b>Not Yet Known</b>      |
|   | <b>Examiner Name</b>        | <b>Not Yet Known</b>      |
|   | <b>Attorney Case Number</b> | <b>58620US002</b>         |

| U.S. Patent Documents |          |                             |                                |  |   |
|-----------------------|----------|-----------------------------|--------------------------------|--|---|
| Exam. Init.*          | Cite No. | Document Number             | Publication Date<br>MM-DD-YYYY | Name of Patentee<br>or Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |          | Number-Kind Code (if known) |                                |  |   |
|                       | A1       | US- 4,953,939               | 09-04-1990                     | Epworth  |   |
|                       | A2       | US- 5,613,023               | 03-18-1997                     | Guillon et al                                      |   |
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|                       | A4       | US- 5,694,501               | 12-02-1997                     | Alavie et al                                       |   |
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|--------------------------|----------|-------------------------|-----------------------------|--------------------------------|--|---|
| Exam. Init.*             | Cite No. | Foreign Patent Document |                             | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
|                          |          | Ctry. Code              | Number-Kind Code (if known) |                                |  |   |
|                          | B1       | WO                      | 01/37015 A1                 | 05-25-2001                     |  |   |
|                          | B2       | WO                      | 01/40835 A2                 | 06-07-2001                     |  |   |
|                          | B3       | WO                      | 01/90790 A1                 | 11-29-2001                     |  |   |
|                          | B4       |                         |                             |                                |  |   |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |          |  |
|--|----------|--|
| Exam. Init.*                                       | Cite No. | Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|  | C1       | M. LeBLANC, et al; "Tunable Chirping of a Fibre Bragg Grating Using a Tapered Cantilever Bed", <i>Electronics Letters</i> (8 December 1994); Vol. 30, No. 25; pp. 2163-2164  |
|  | C2       | S.Y. SET, et al; "Tunable Nonlinearly-Bend-Chirped Fiber Bragg Grating for Third-Order Dispersion Compensation", <i>Conference on Lasers and Electro-Optics - Technical Digest</i> (2001); Baltimore, MD; pp. 496-497  |

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| <b>*Examiner:</b>  | <b>Date Considered:</b> |
| EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                         |

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|   | C3              | C. HU, et al; "Passive Athermal-Packaged Tunable Fiber Bragg Grating for OADM's", <i>4th Pacific Rim Conference on Lasers and Electro-Optics - Technical Digest</i> (July 2001); Chiba, Japan; pp. I-408 - I-409  |
|   | C4              | A-PING ZHANG, et al; "Experimental and Theoretical Analysis of Fiber Bragg Gratings Under Lateral Compression", <i>Optics Communications</i> (15 May 2002); Elsevier Science B.V.; Vol. 206; pp. 81-87  |

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